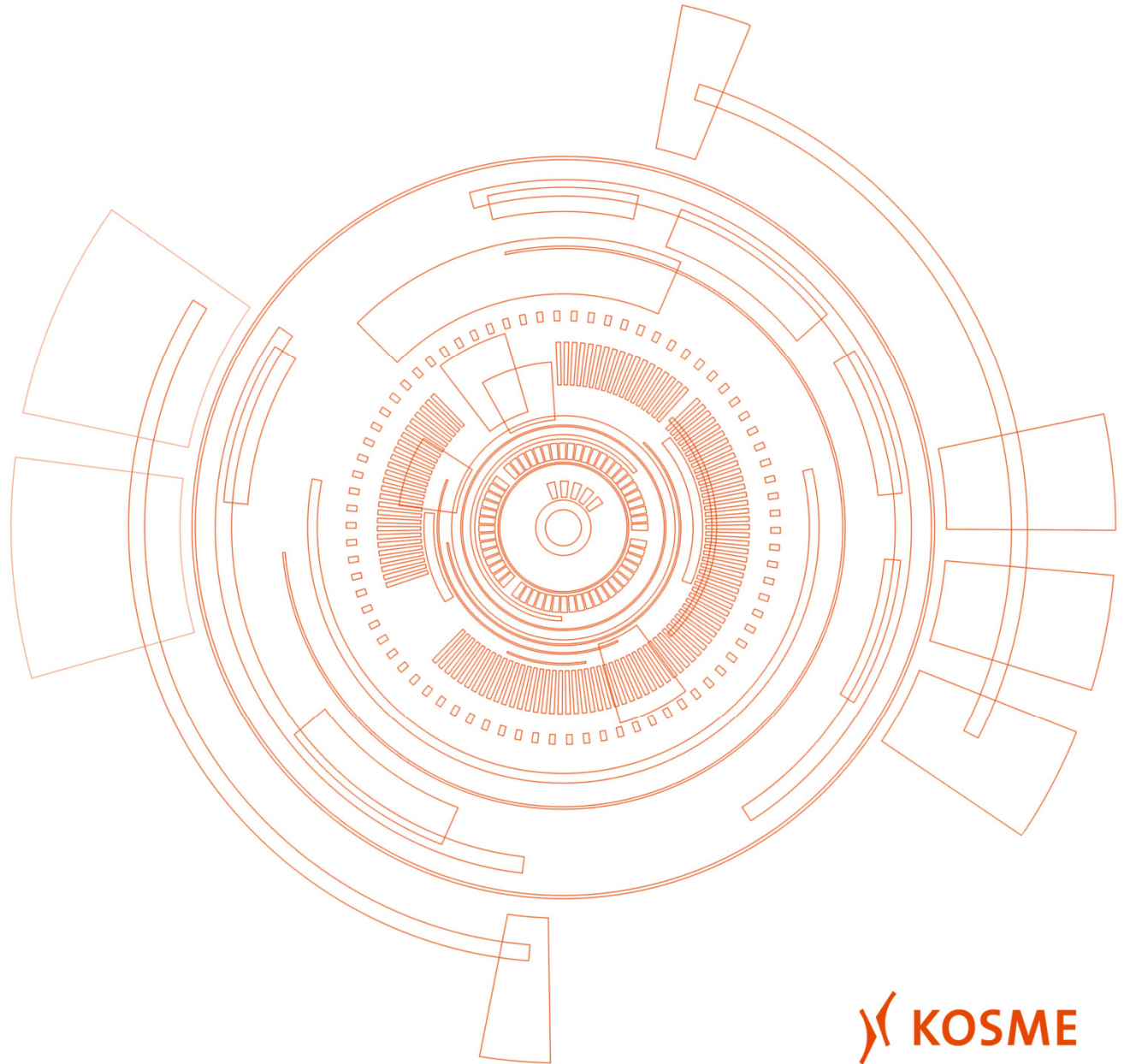


# Barifill HRS

Base Handling System





## Isobaric Filler – Barifill HRS

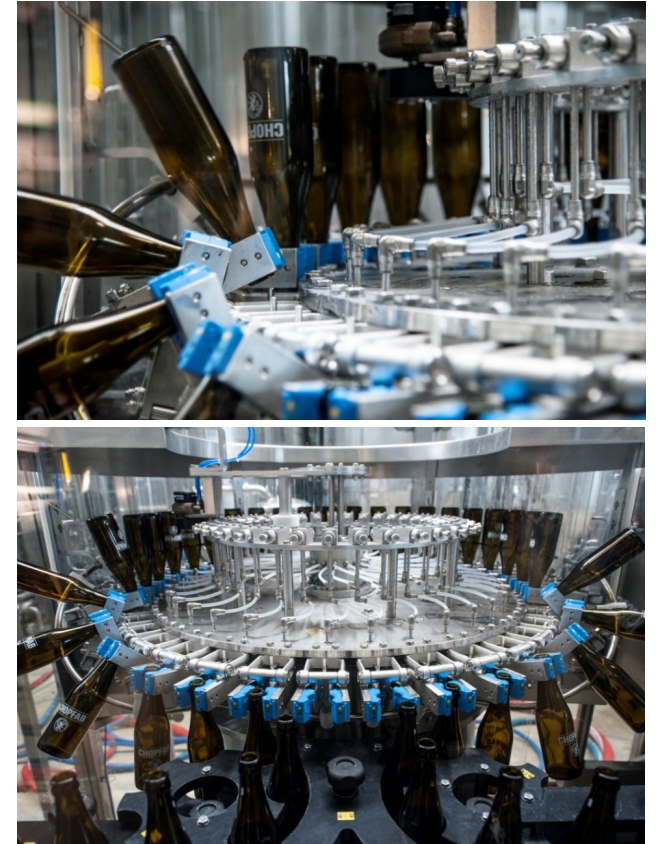
- The Barifill filler family is a perfect example of KOSME's flexibility and ease of use, a guarantee of highest quality in all conditions.
- Highly reliable, pneumatically actuated filling valves by KRONES allow fast and non-foaming processing while the product integrity is preserved.
- The modular base with inclined Tabletec plate (standard with diameters of 960 mm and 1200 mm) provides considerable advantages during maintenance and cleaning by the operator.
- The newly designed valve manifold is now available in a manual or automatic variant – the CIP process is automatically controlled.
- Thanks to many possible combinations with different rinsing machines and capping systems, the Barifill filler can meet all customer's requirements.





## Rinsing tower

- The grippers are made of electropolished surfaces with shaped rubber contact buffers.
- The gaskets and plastic parts that come into contact with the treatment liquid are made of tested food-grade materials.







## Filler carousel

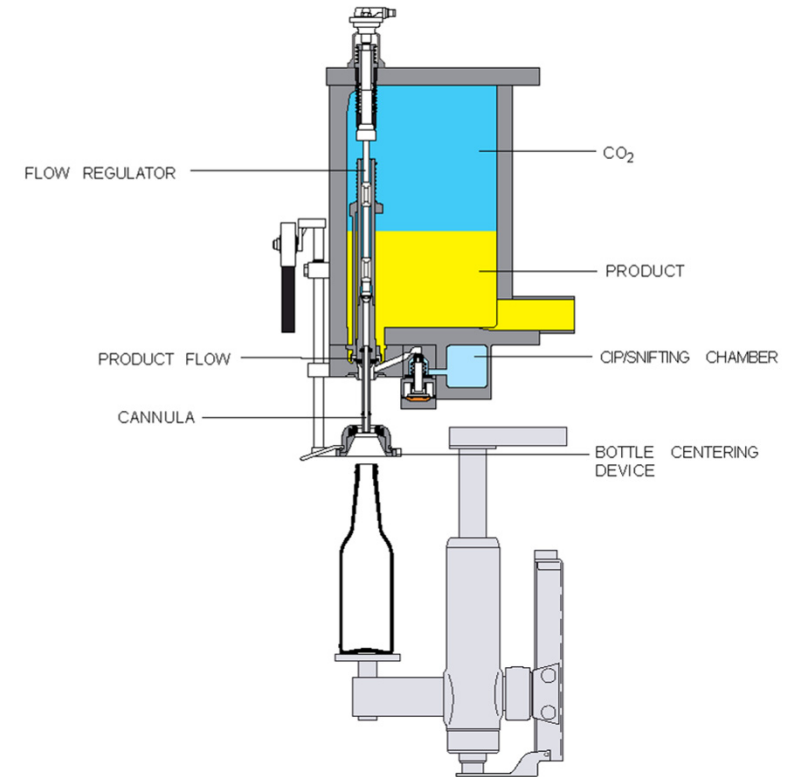
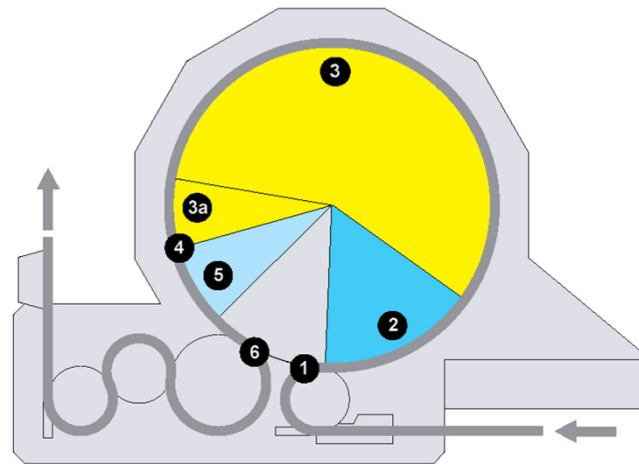
- The special filling valves made of electropolished AISI 316 stainless steel have been developed to ensure a perfect filling process as well as a quick and low-foam production cycle.
- The filling valves ensure total hygiene.
- Electropolished stainless steel is resistant to corrosion and hence guarantees product safety.





## VKP valves (10050K)

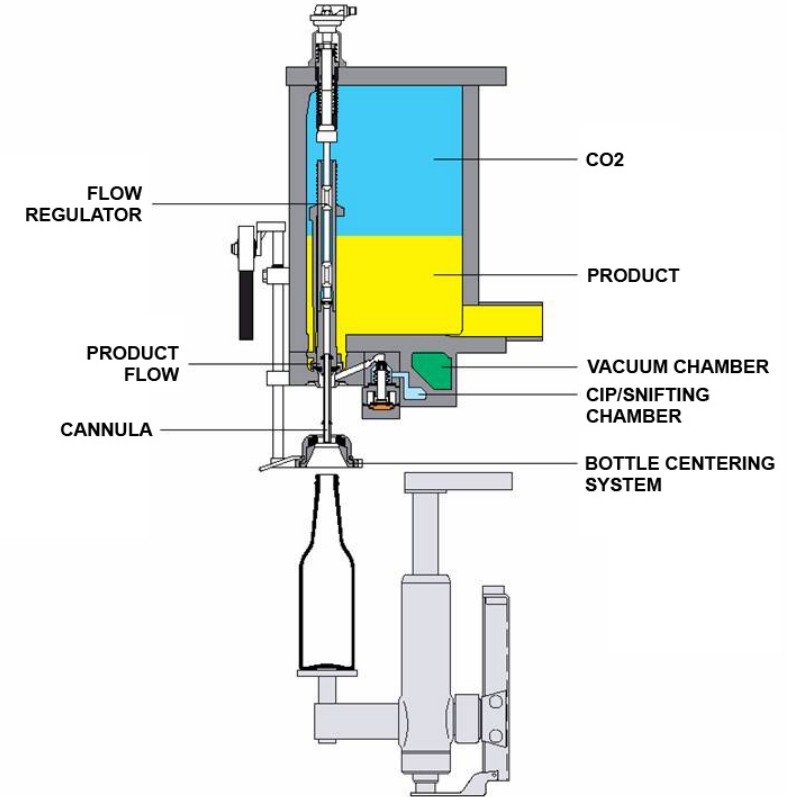
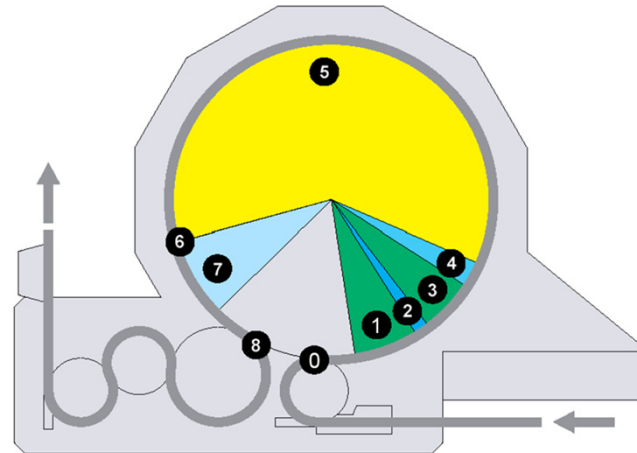
- 01. Basis position (container infeed zone)
- 02. Injection of inert gas / CO<sub>2</sub> - pressurisation
- 03. Product filling
- 04. Filling end
- 05. Discharge (pressure reduction)
- 06. Container discharge





## VKPV valve (10055K)

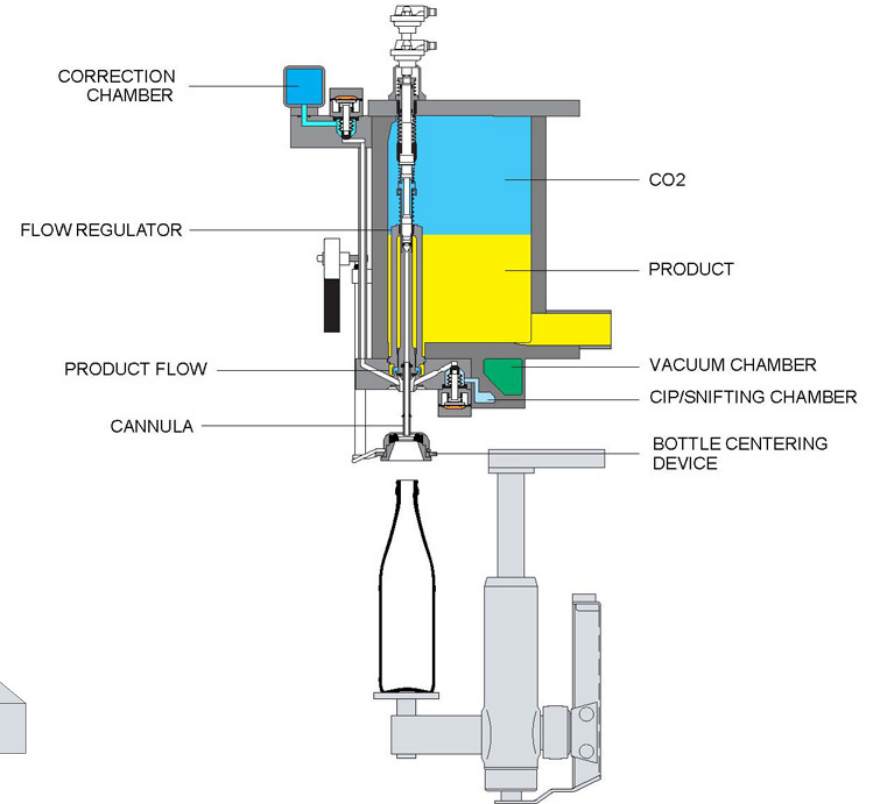
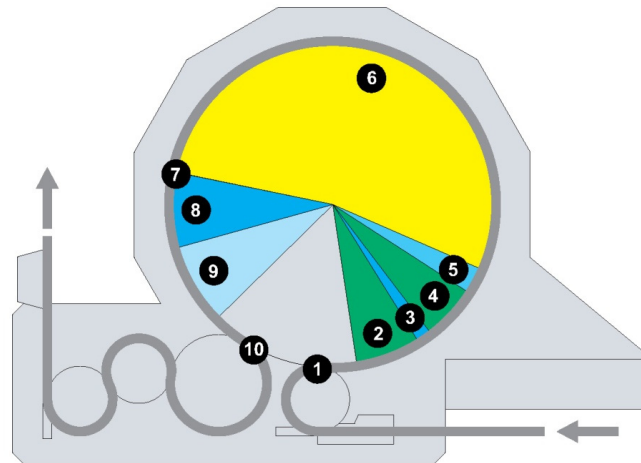
- 00. Basis position (container infeed area)
- 01. 1. Pre-charge
- 02. Injection of inert gas / CO2
- 03. 2. Pre-charge
- 04. Pressurisation
- 05. Product filling
- 06. Filling performed
- 07. Pressure reduction (discharge)
- 08. Container outfeed





## VKPV-CF valve (10060K)

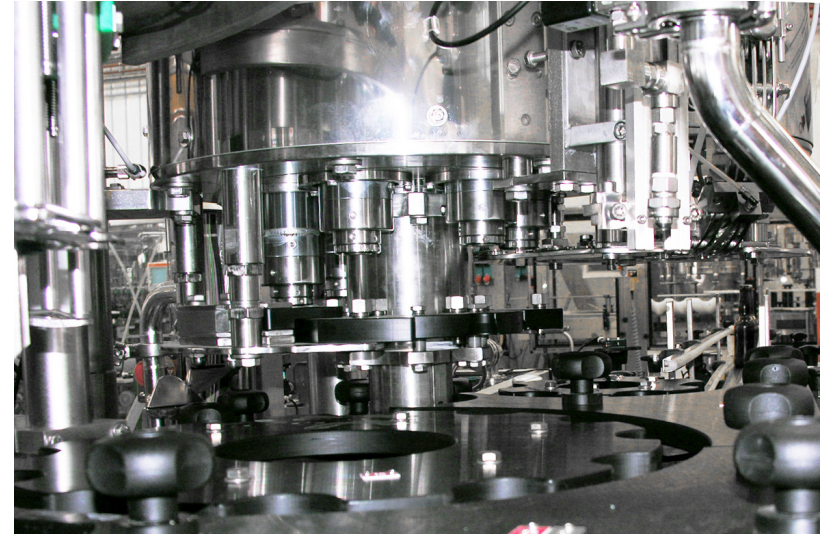
- 01. Basis position (container infeed area)
- 02. 1. Pre-charge
- 03. Inert gas / CO2 injection
- 04. 2. Pre-charge
- 05. Pressurisation
- 06. Product filling
- 07. Filling end
- 08. Levelling
- 09. Pressure reduction (dischar
- 10. Container outf.





## Capper

- All our fillers can be set for any possible application with different capping heads.
- The new modular design allows you to easily combine different capping heads.
- Available in versions entirely made of AISI 304 stainless steel (cleanable version).







## Human machine interface (HMI)

- Intuitive and task-oriented panel with standardised configuration on all KOSME machines
- Transponder system for configuring different access levels and prevent wrong settings





## Advantages:

- VKP fill height filler with pneumatically controlled filling valve functions
- Standard KRONES filler components and price-competitive performance if compared with the growing segment of competitors' products for reduced power ranges
- Space-saving, compact system
- Quick installation and commissioning thanks to the modular frame
- Composition of a single-block filler-capper unit with precisely defined specifications
- One or more capping systems: crown caps, screw caps and flush corks
- The parts that come into contact with the product are made of AISI 304 steel (optionally 316).
- Hygienically and microbiologically optimized machine
- Front table in hygienic design: Roof table
- Water rinsing for filling carousel and table with movement and sealing elements
- Compact valve unit. Upon request, process management available from the control panel (production management, CIP management).
- Optimised use, several combinations guaranteed (bottle-product combinations).







Sharing one passion.

